

Title (en)
WELDING ASSEMBLY FOR FRICTION STIR WELDING

Title (de)
DREHENDE REIBUNGSSCHWEISSANLAGE

Title (fr)
SOUDAGE PAR FRICTION A MOUVEMENT CYCLIQUE

Publication
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Application
EP 98921993 A 19980512

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Abstract (en)
[origin: WO9851441A1] The invention relates to a welding assembly for joining together workpieces (1, 2) along a joint between said pieces by means of friction stir welding. The welding assembly comprises a welding probe (9) intended to be advanced along said joint during the welding operation. The welding probe comprises a body (10) and a pin (20), the body being arranged to be pressed against the upper faces of the workpieces during the welding operation whereas the pin is arranged to be moved along said joint during the welding while being rotated and pressed against said workpieces. The pin (20) and the body (10) are also so arranged relative to one another as to be mutually movable, allowing said pin and said body to perform different movement patterns relative to one another.

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B23K 20/1245 (2013.01 - EP US); **B23K 20/125** (2013.01 - EP US)

Citation (search report)
See references of WO 9851441A1

Cited by
AT525779A1; EP2810735A1; EP1790425B1; EP1790425A1

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